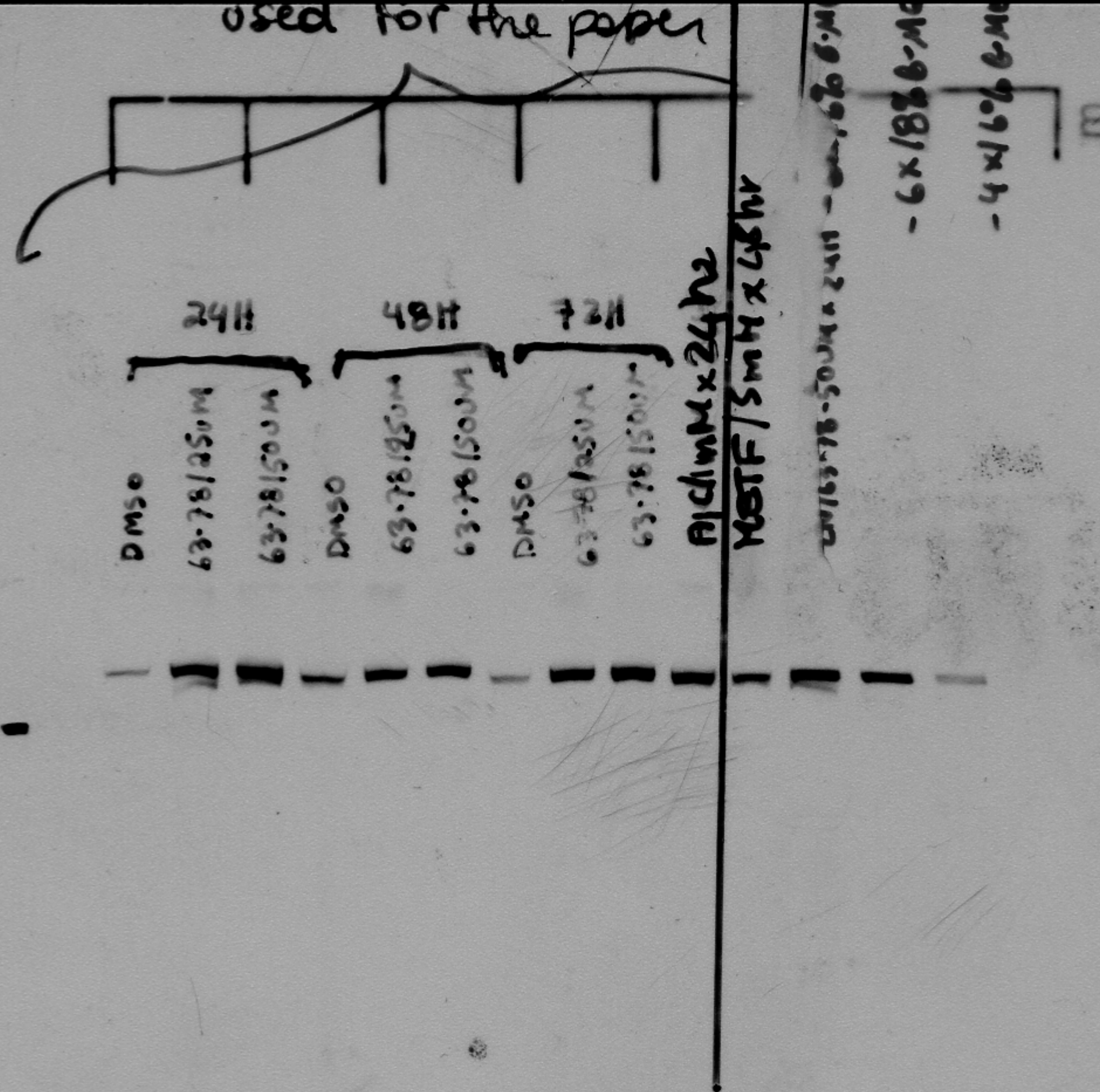


FIGURE 7 PANEL A LEFT (LNCaP cells)

Exposure used for
P-ACC in the
paper (10sec) 10.27.09

Samples were prepared
in quadruplicate
and loaded on
4 gels

180-



samples were loaded in quadruplicate on 4 gels

② ACC tot
OK (~~*****~~)

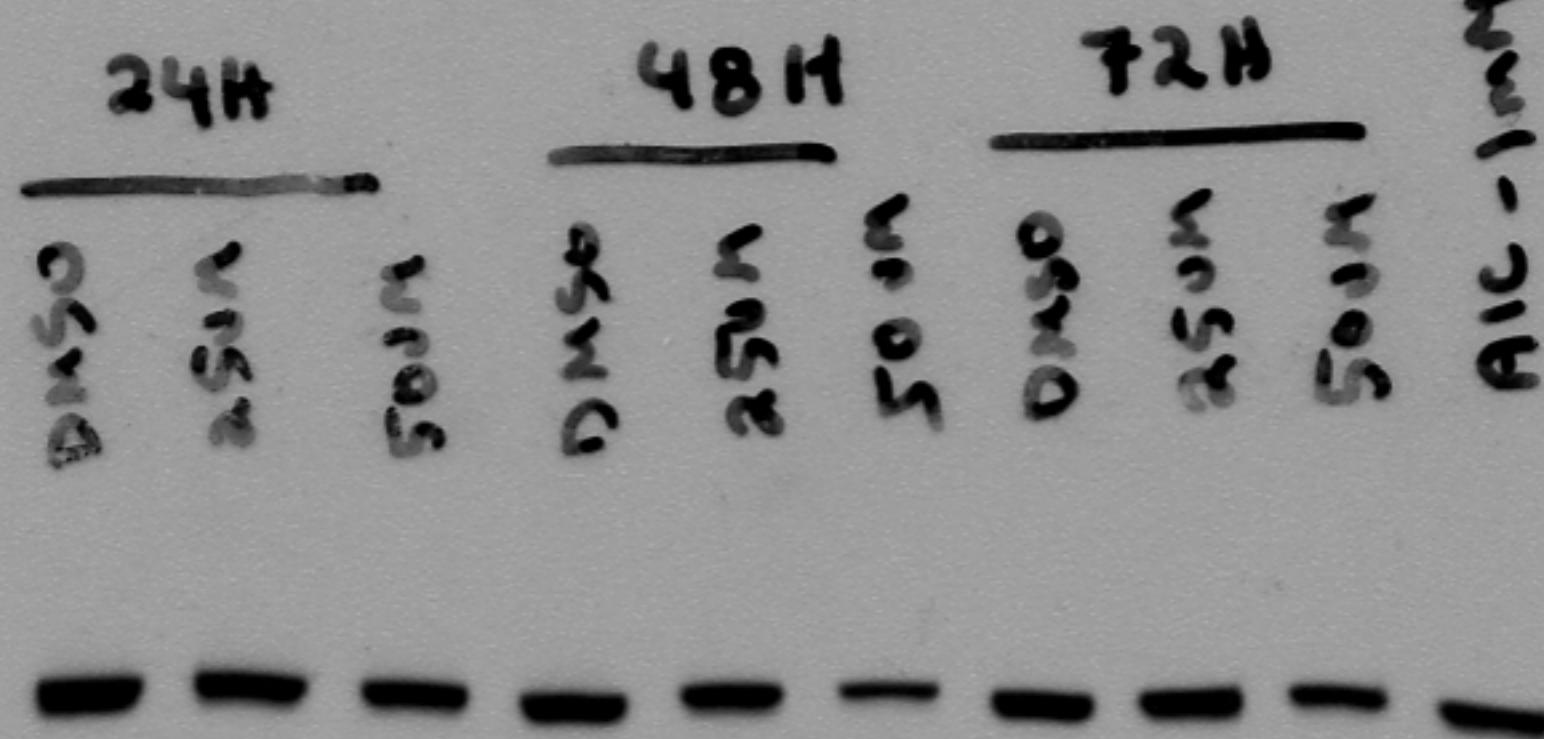
FIGURE 7 PANEL

A - LEFT (LNCoP cells)

Exposure used for ACC tot
(5 sec) in the paper

gel 2

LNCoP



ACC OK

180 -

FIGURE 7 PANEL A
LEFT (LNGP cells)

Exposure used for
FASN in the paper
(5 sec) 10.28.09

used for paper

LN Corp

244

48H

72H

OSMA -

WASE 2

W 504.4

5450

MS. B. 1. 2. 3. 4.

9505

05M97

WVST 88

9505

10 Avcilim

1134

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

37.997.29

37.997.29

34-909-29

34-8708-49

34-8708-49

10

10

44-6066 NE

44-6066 NE

44-9-11

44-9-11

← FASN ● (OK)
(re-blot on p-ACC port)

↑ VINCLININE
(gel)

Same samples were loaded in quadruplicate on 4 gels

3

FASN

gel 1



④ ② Raptor → better gel

★

samples were prepared in quadruplicate and loaded on 4 gels

FIGURE 7 PANEL A

LEFT (LNWP cells)

gel 2

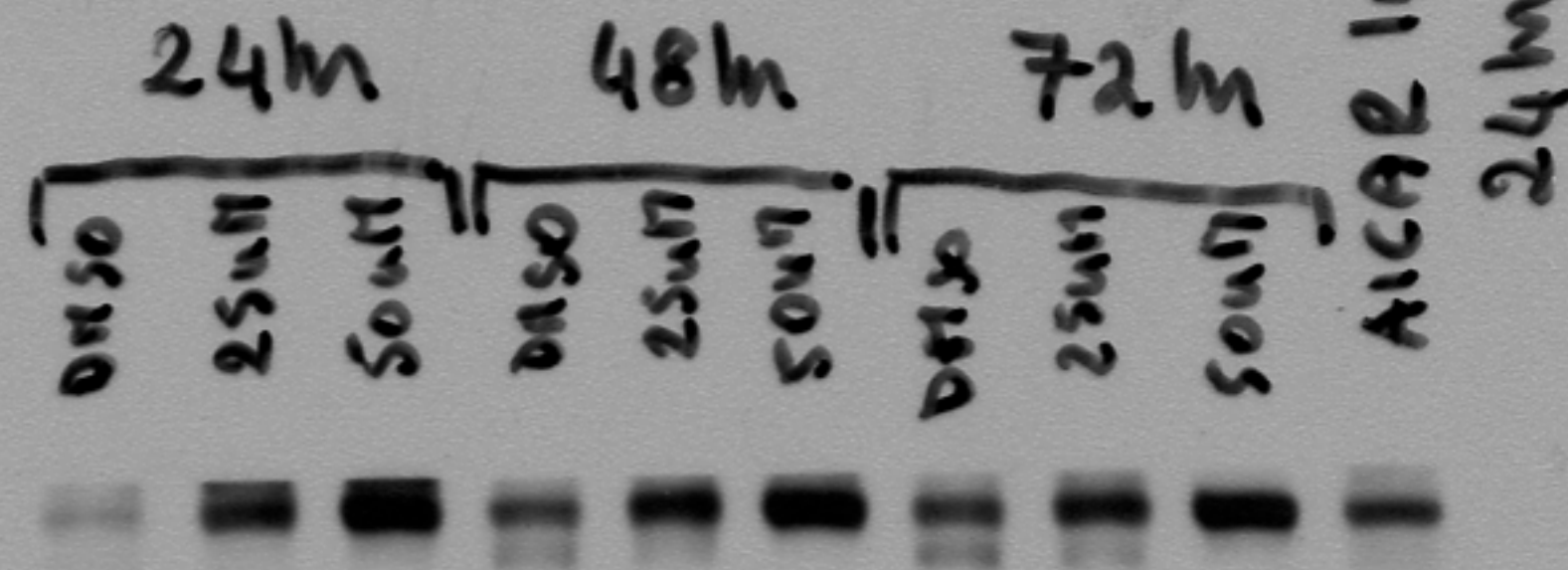
Exposure for
② Raptor used
in the paper

K163-78

180 -

115 -

82 -



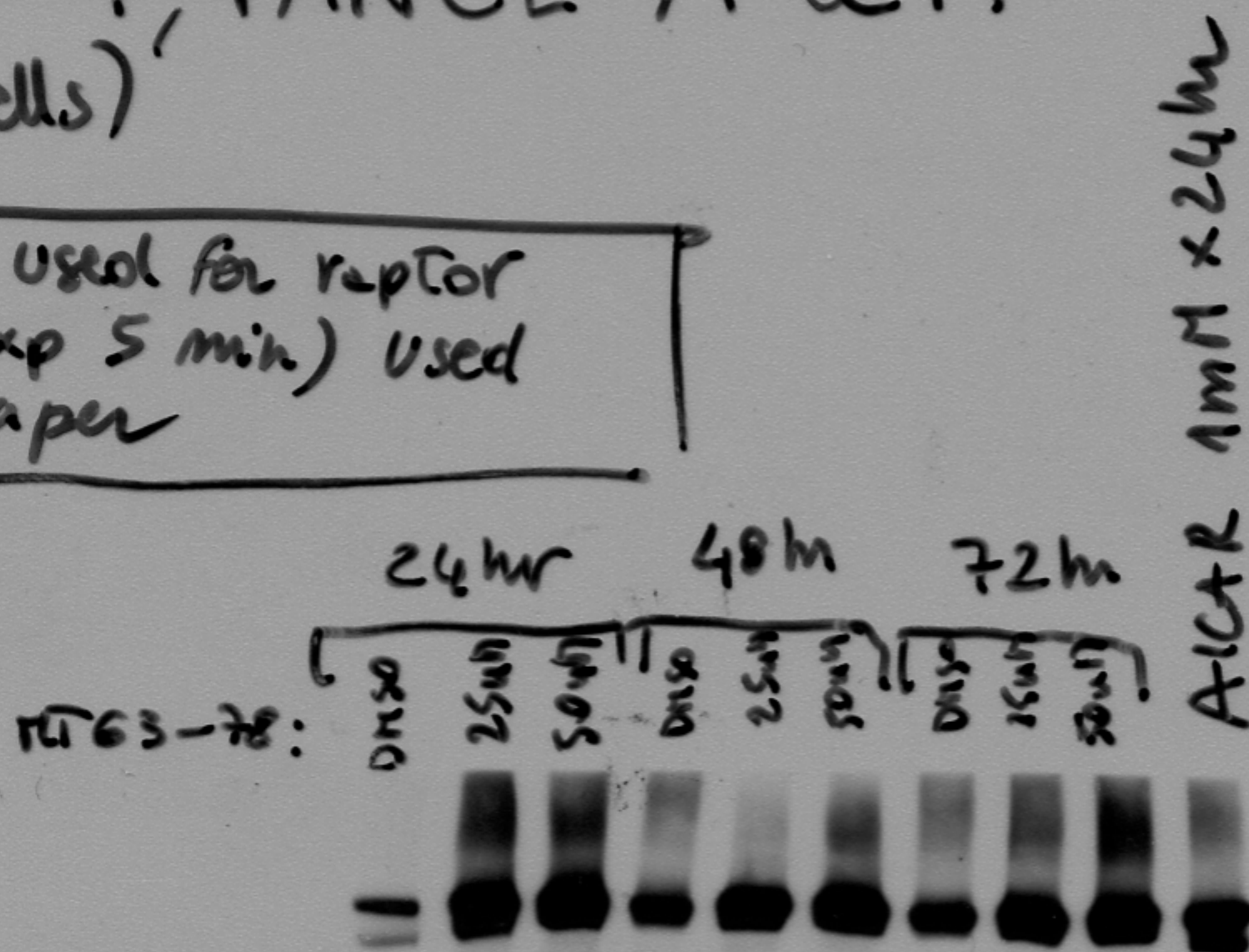
② Raptor
OK

samples were prepared in quadruplicate and loaded on

FIGURE 7, PANEL A LEFT (LNCaP cells)

4 gels

Exposure used for raptor
total (exp 5 min) used
in the paper



180 •

115 •

82 •

64 •

49 •

Raptor tot OK

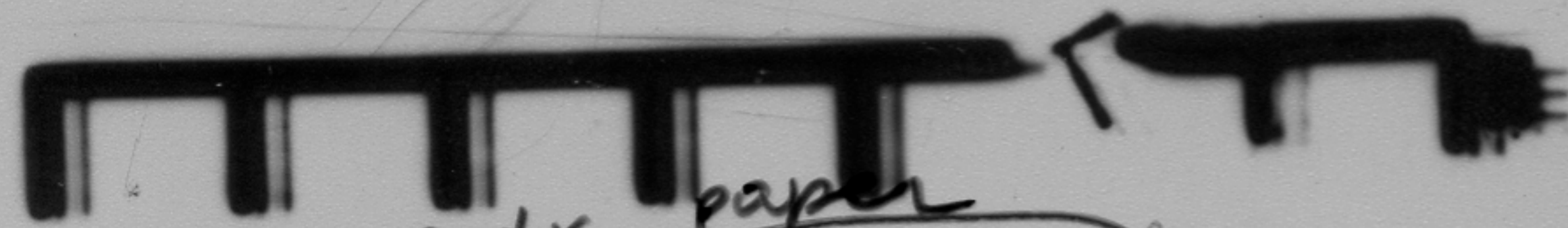
PS3

19 •

15 •

4EBP-1

FIGURE 7 PANEL
LEFT (LNCp cells)



used x paper

LNCp

24h 48h 72h

100 37 26 19 15

24h 48h 72h

24h 48h 72h

24h 48h 72h

24h 48h 72h

EXPOSURE used for
(P) 56RP and (P) 4EBP-1
in the paper (2.5 min)

gel 4

(P) 56RP (OK)

(P) 4EBP-1 (OK)

ECU

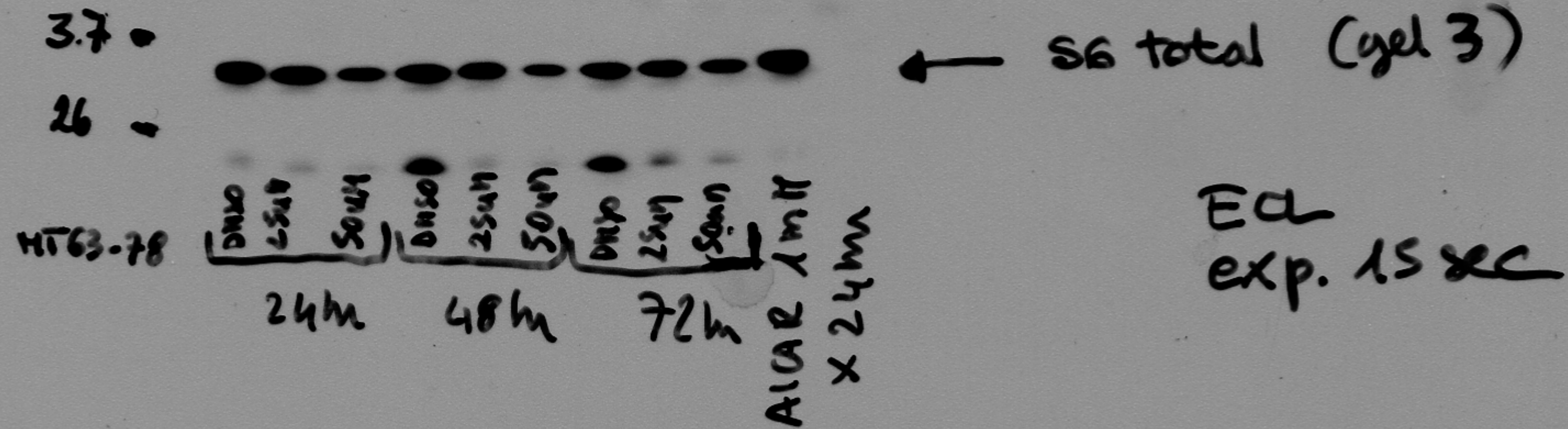
2.5 min

Samples were prepared in quadruplicate and
load on 4 gels.

(P) 56
(P) 4EBP1

FIGURE 7 PANEL A LEFT (LNCaP cells)

Exposure used
for S6 total in
the paper (15 sec)



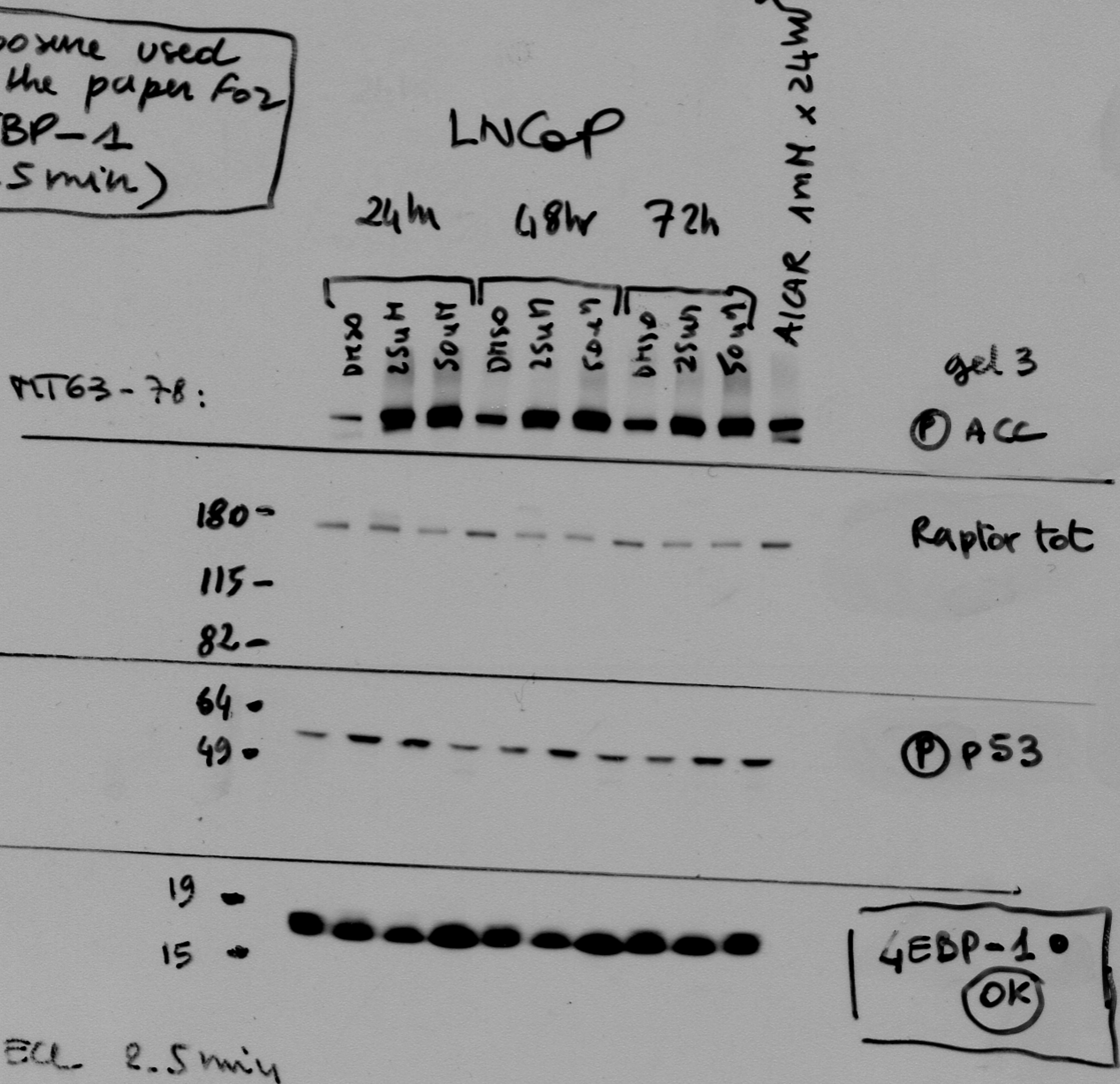
samples were prepared in phosphatidate and loaded on 4 gels

S6 tot

samples were prepared in quadruplicate and loaded on 4 gels

FIGURE 7 PANEL A - LEFT (LNCOP)

Exposure used
in the paper for
4EBP-1
(2.5 min)



samples were prepared in quadruplicate
and loaded on 4 gels

FIGURE 7 PANEL A - LEFT

(LNCaP
cells)

EXPOSURE FOR VINCULIN
used in the paper
(1 min)

gel 3
1mM x 24h
ALCAL.

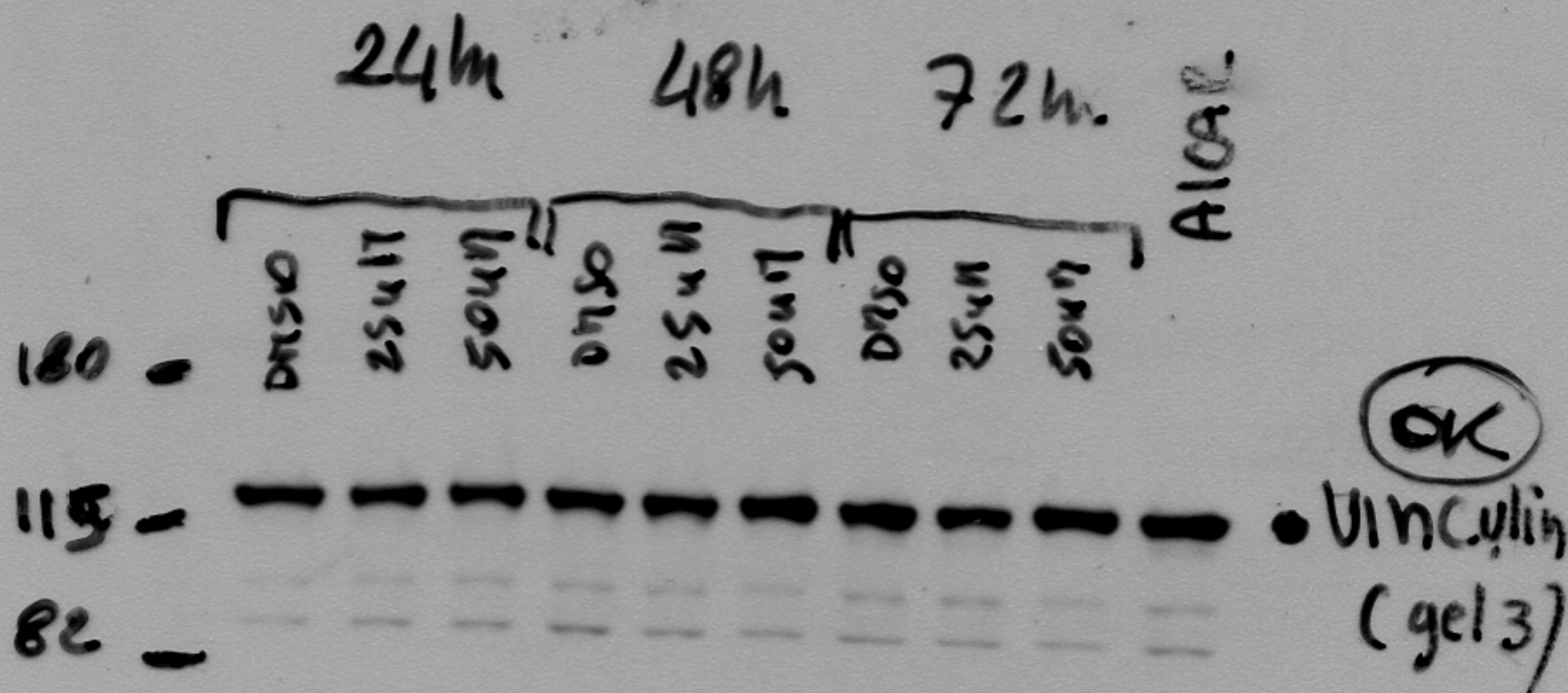
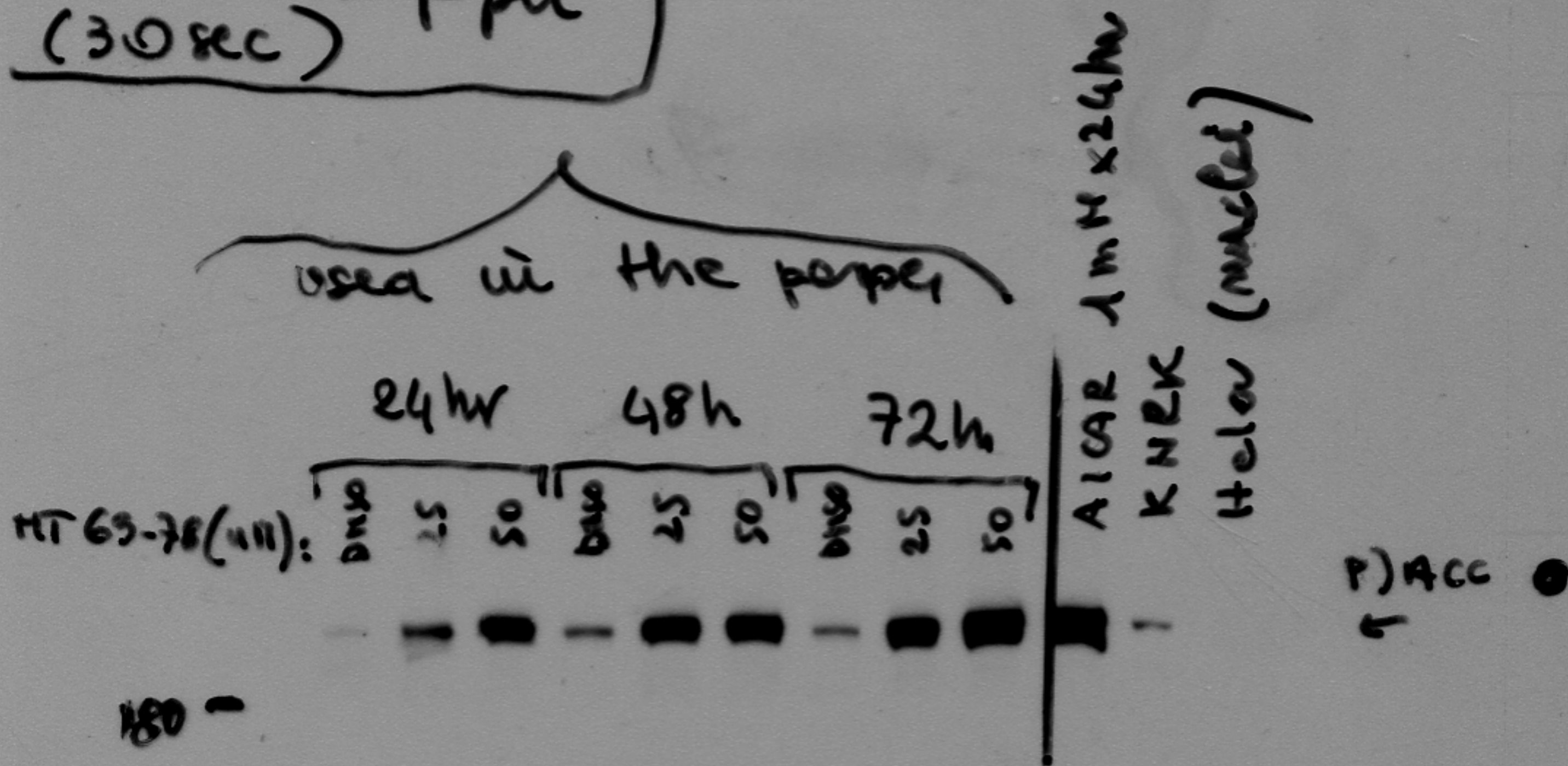


FIGURE 7 PANEL A RIGHT (PC3 cells)

EXPOSURE FOR P-ACC
USED IN THE PAPER
(30 sec)



PC3 x 63-78 (9.10.09 samples)

Samples were prepared in triplicate gel 1
and tested on 5 gels

(P)ACC (1)

Samples were prepared in
quintuplicate and loaded 1
on 5 gels

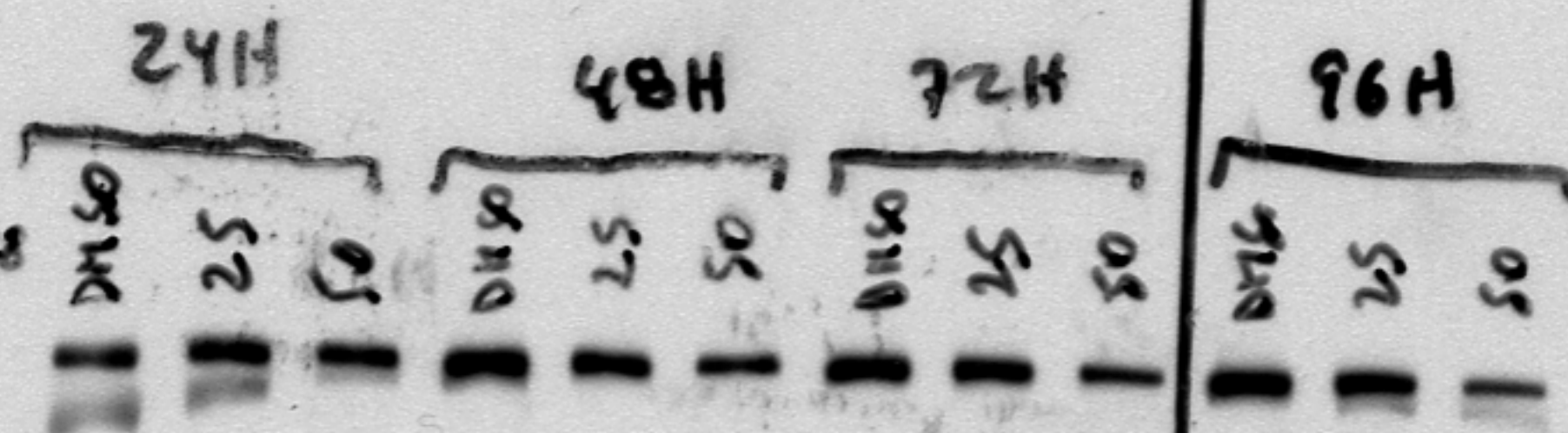
FIGURE 7 PANEL A used x paper
RIGHT (PC3 cells)

FASN

4

EXPOSURE FOR
- FASN
- (P) S6RP
used in the
paper (20 sec)

HT60-78
(4H):



180 -
37 -
26 -
19 -

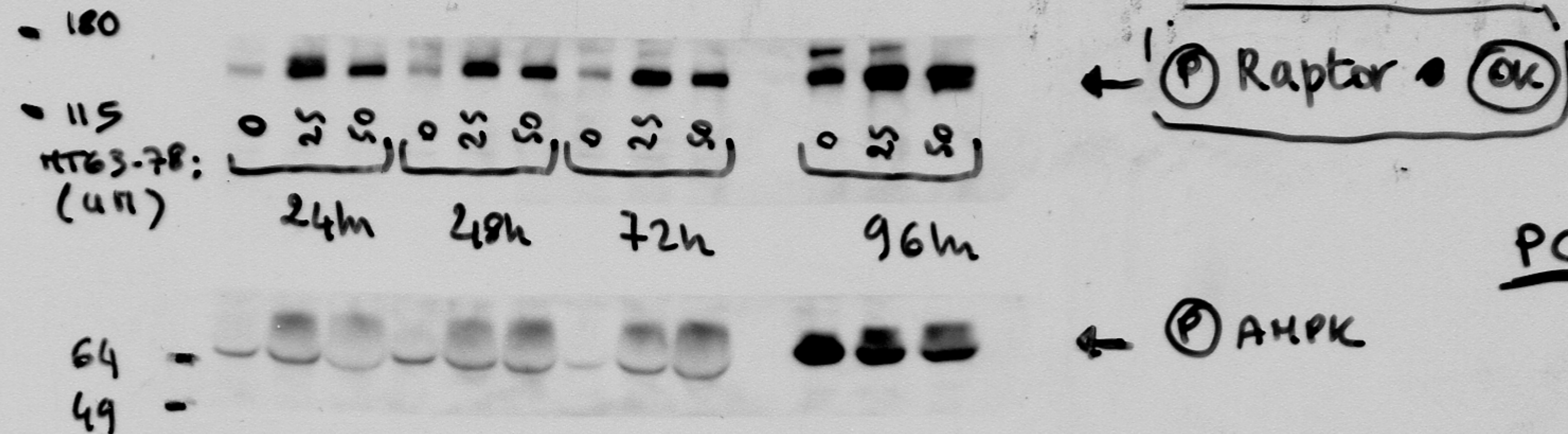
OK
FASN •

OK
(P) S6RP •

gel 2

FIGURE 7 PANEL A RIGHT (PC3 cells)

Exposure for
Ⓟ Raptor used in
the paper
(30 sec)



Samples were prepared in quadruplicate and loaded on 5 gels

FIGURE 7

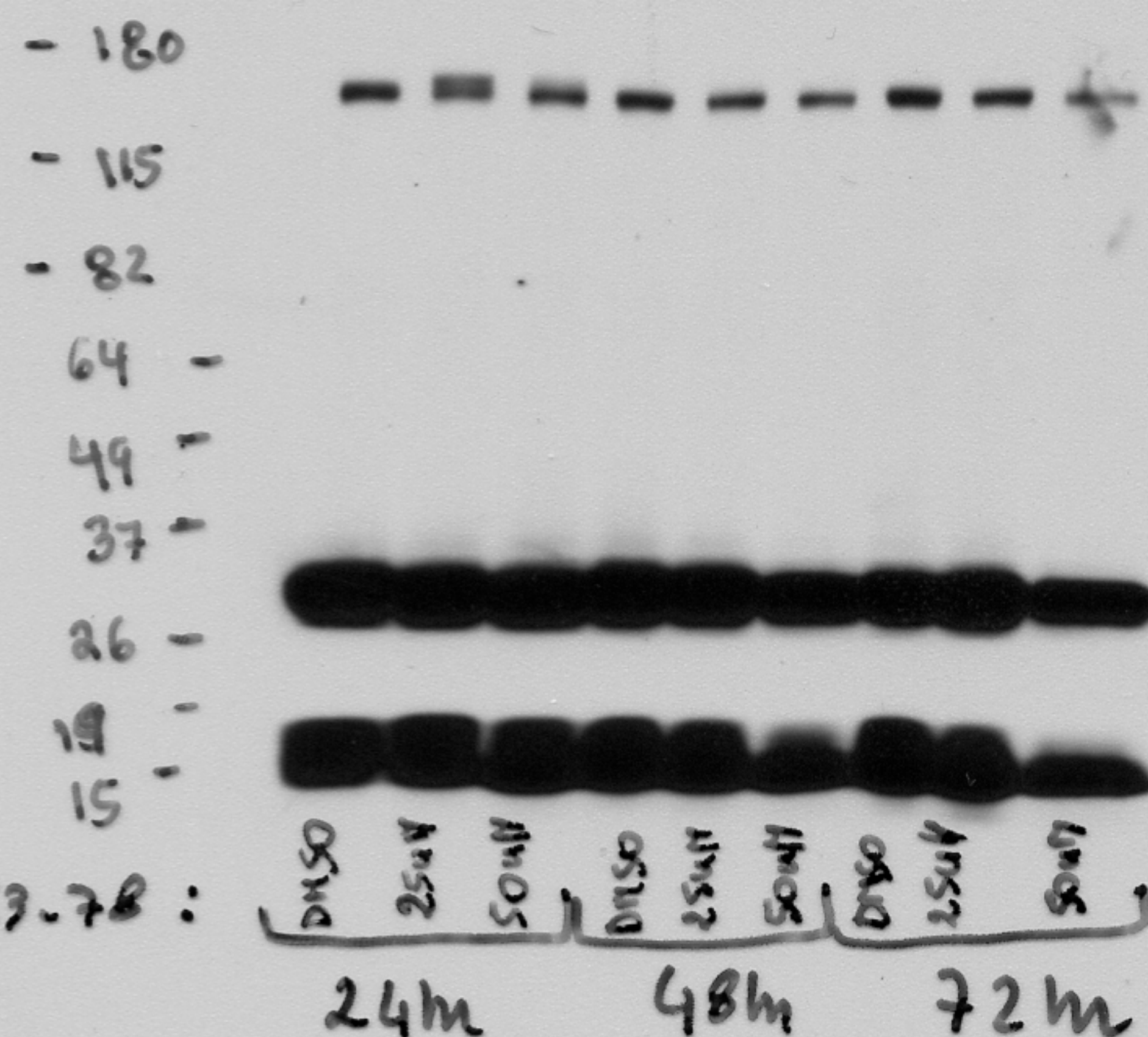
PANEL A RIGHT

(PC3 cells)

Exposure for Raptor
used in the paper
(5 min)

gel 3

MT63-78 :



Raptor

OK

S6RP

4EBP-1

Samples were prepared in
quintuplicate and loaded on
5 gels

Samples were loaded
in quintuplicate and
loaded on 5 gels

gel 3

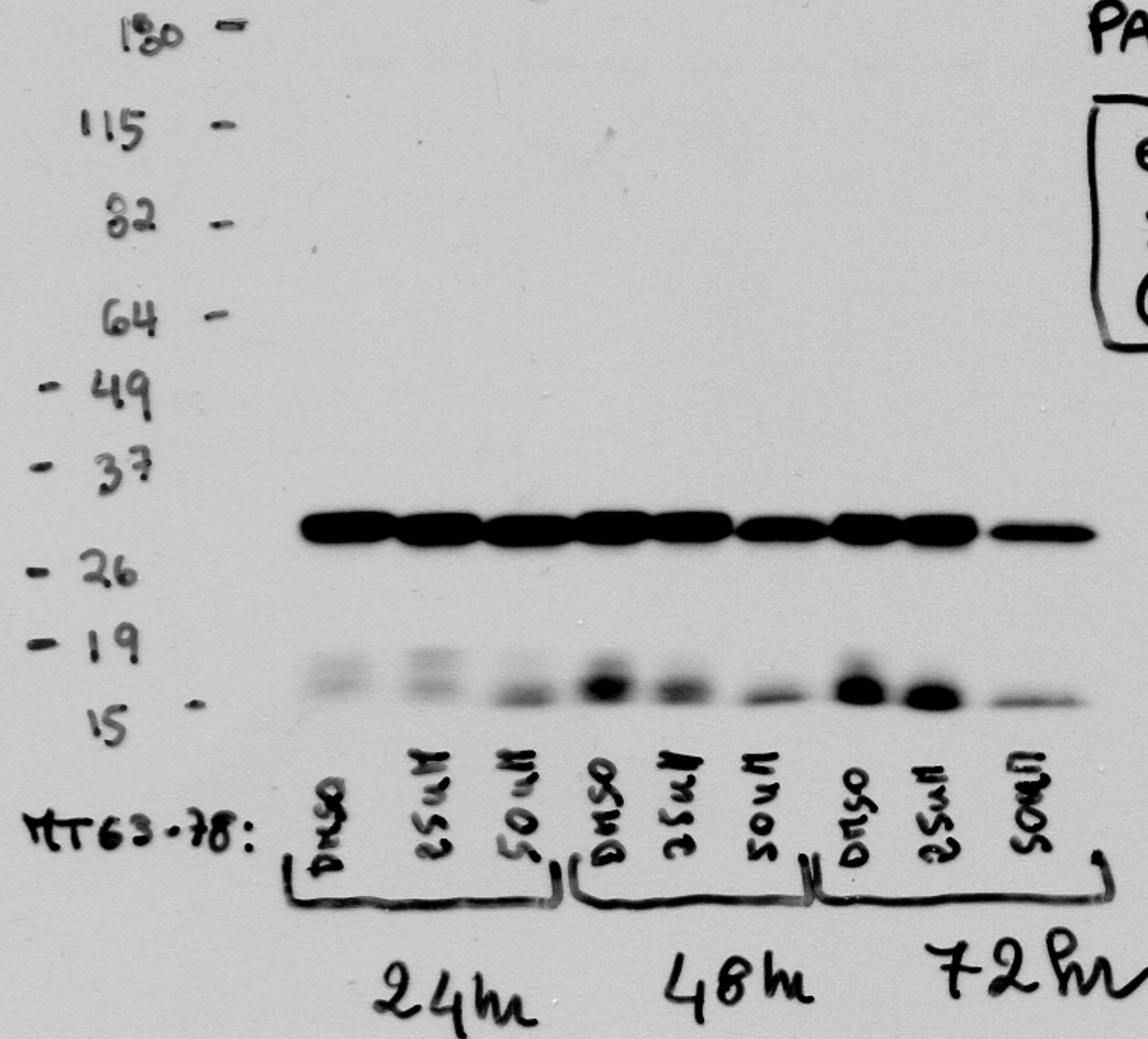


FIGURE 7
PANEL A RIGHT (PC3 cells)

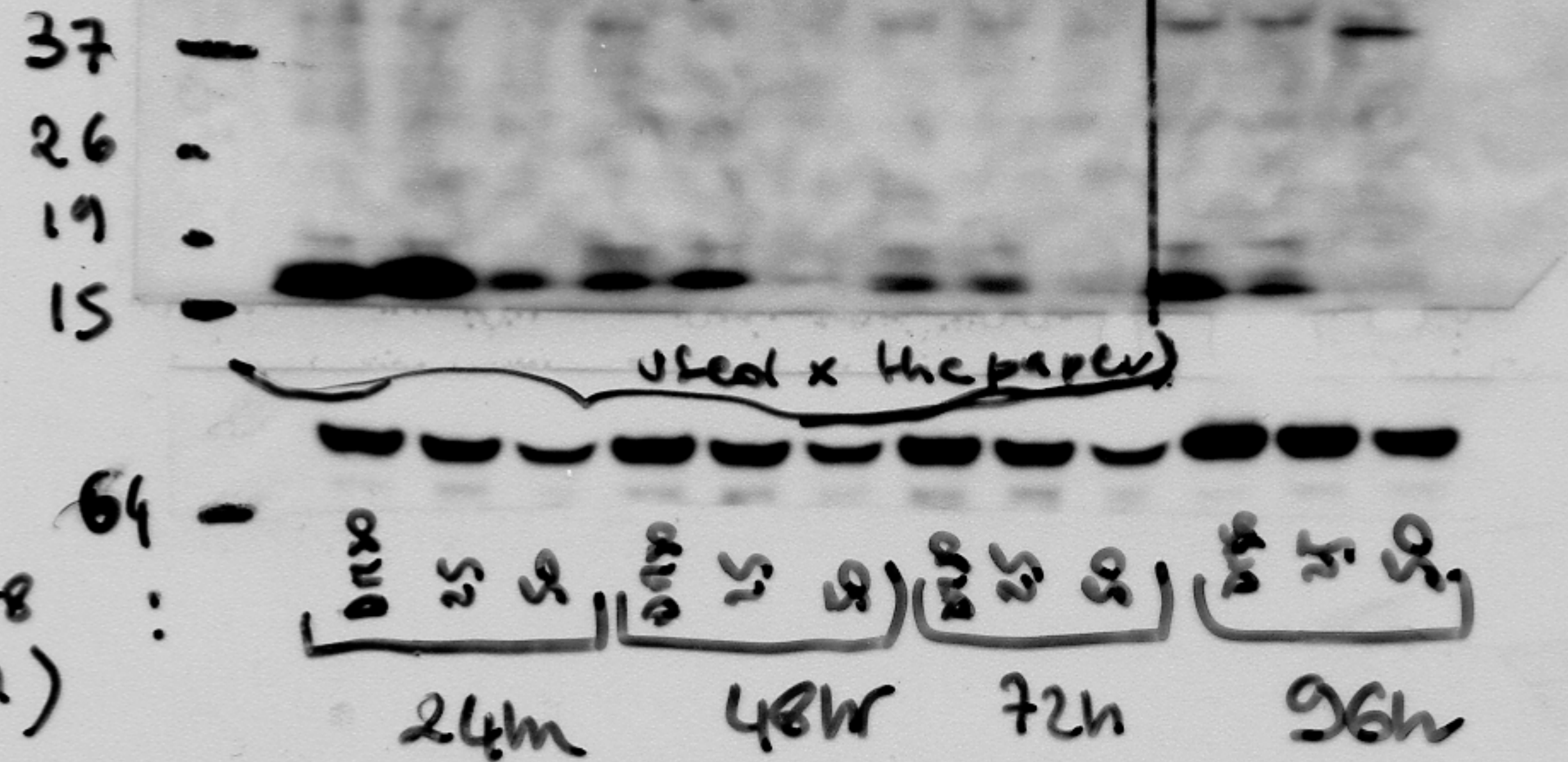
exposure used for
56 min the paper
(15 sec)

S6RP • OK

4EBP-1

FIGURE 7 PANEL A
RIGHT (PC3 cells)

Exposure for
Ⓟ 4EBP-1 used
in the paper
(1 min)

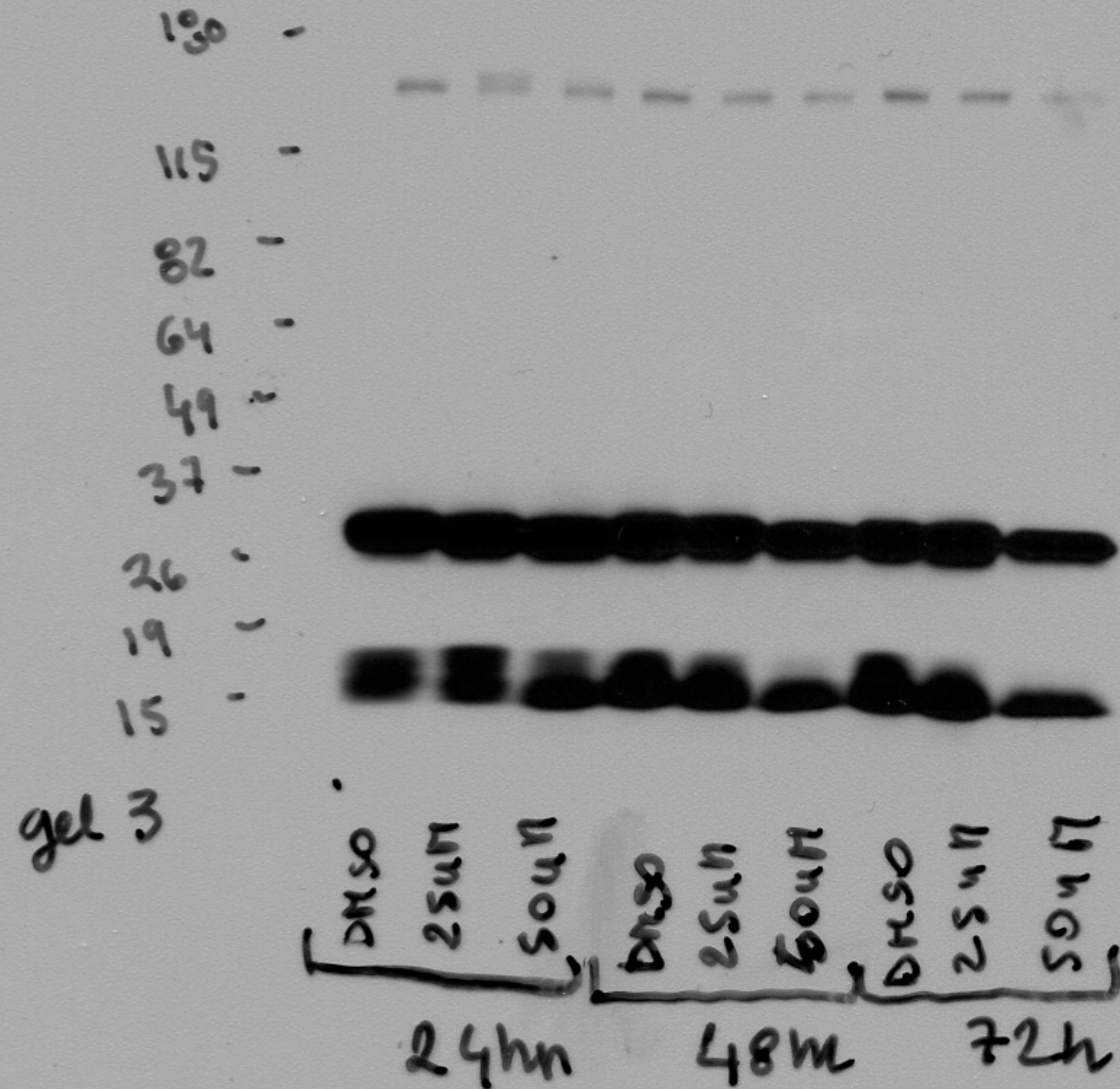


Ⓟ 4EBP-1 OK

Beckman gel 5

samples were prepared in quintuplicate
and loaded on 5 gels.

Samples were loaded
in quintuplicate and
loaded 5 gels



Raptor

S6RP

4EBP1
OK

FIGURE 7 PANEL A
RIGHT (PC3 cells)

Exposure used for
4EBP-1 in
the paper
(1 min)

FIGURE 7 PANEL A RIGHT (PC3 cells)

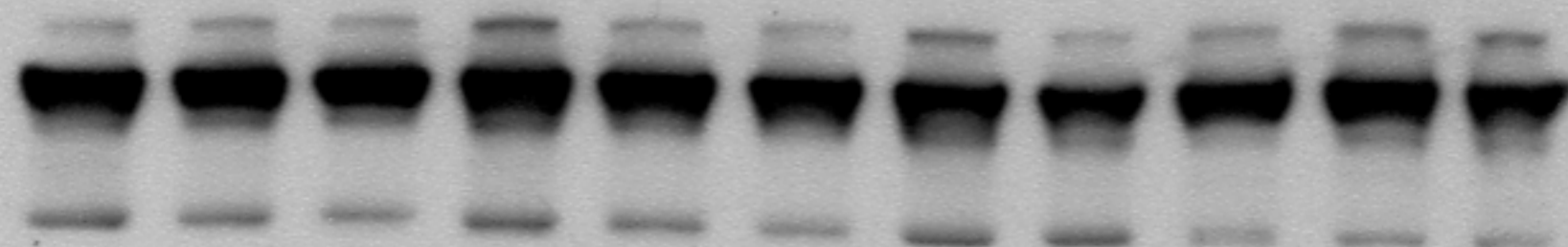
Exposure for VINCULIN
used in the paper
(1 sec)

24H 48H 72H

MT 63-78:
(4H)

DMSO 25 50 DMSO 25 50 DMSO 25 50

120



AIC/1mm x 24H - 9.16.09

K562 (25ug)

Hela (Nuclei) - 9.25.04

VINCULIN

OK

gel 1

norm
Delip
Delip + V
Delip + 15 min
Delip + 2H
Delip + 6H
Delip + 24H

norm + V
norm + 15 min
norm + 2H
norm + 6H
norm + 24H

EV
SREBP-2

100

gel 2

• P-ACC OK

P-AMPK

180 -

115 -

82 -

64 -

1 2 3 4 5

used in
the paper

LEGEND

Full reaction

1 = complete RPMI + dmsO

2 = // + MT63-78 30 min

3 = // // 2 hr

4 = // // 6 hr

5 = // // 24 hr

FIGURE 7
PANEL B

Exposure used
for P-ACC
in the paper
(1 sec)

Samples were prepared in duplicate and loaded
on 2 gels

FIGURE 7 PANEL B

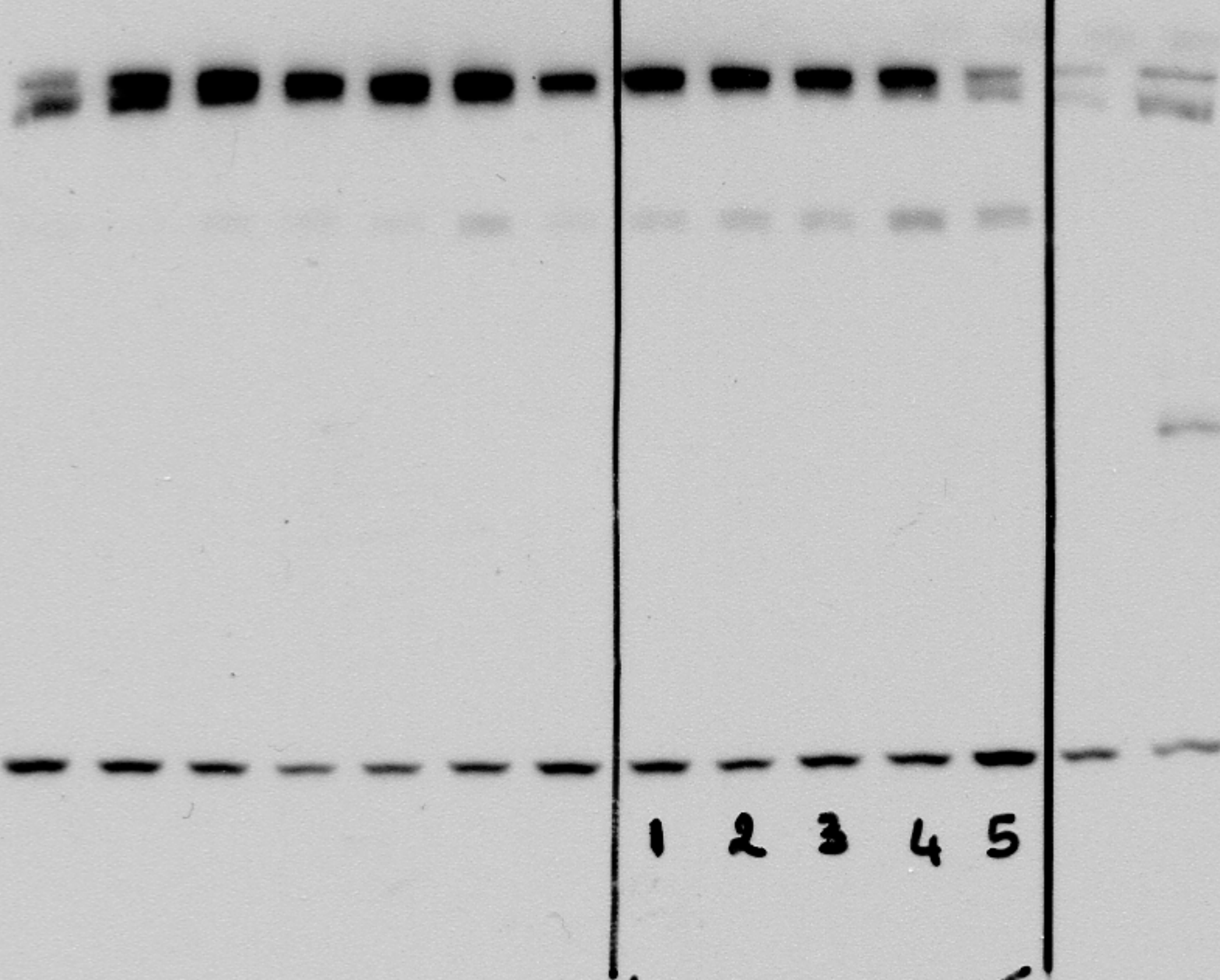
Exposure for
 • FASN
 • β -actin used in the paper (1 sec)

LEGEND:

- 1 = complete RPMI + dmsol
- 2 = // // + MT63-78 30 min
- 3 = // // + MT63-78 2 hr
- 4 = // // + MT63-78 6 hr
- 5 = complete RPMI + 24 hr

180 -
 115 -
 82 -
 64 -
 49 -
 37 -

norm 1-24
 dclp 1-24
 norm 1-24
 dclp + 24 drug
 dclp + 6H drug
 dclp + 24H drug
 norm + vehicle
 norm + 30 min drug
 norm + 2H drug
 norm + 6H drug
 norm + 24H drug
 EV-243J trans.
 SKBEP-2 - 243T



+ • FASN (OK)

+ • β -actin (OK)

Samples were prepared in duplicate and loaded on 2 gels

gel 1

1

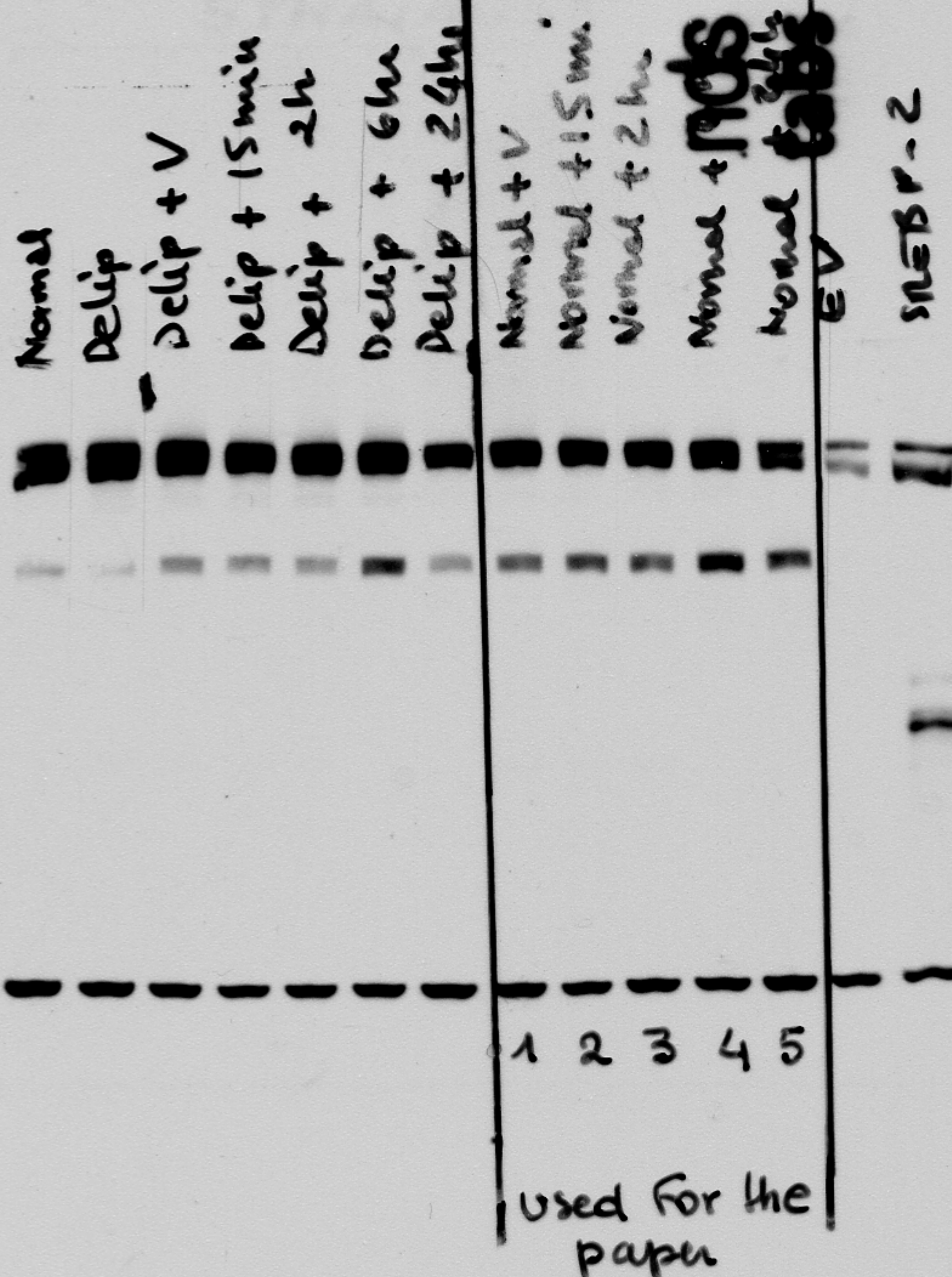
FIGURE 7 PANEL B

Exposure for
SREBP-1 precursor
used in the
paper
(10 sec)

LEGEND:

- 1 = complete + dmsol
- 2 = " + HT63-78 30m
- 3 = " " 2hr
- 4 = " " 6hr
- 5 = " " 24hr

180 -
115 -
82 -
64 -
49 -
37 -



FASN

precursor (OK)
(~125 kD)

mature
(~60-70 kD)

β -actin

LNKOP
cells
gel 1

SREBP-1

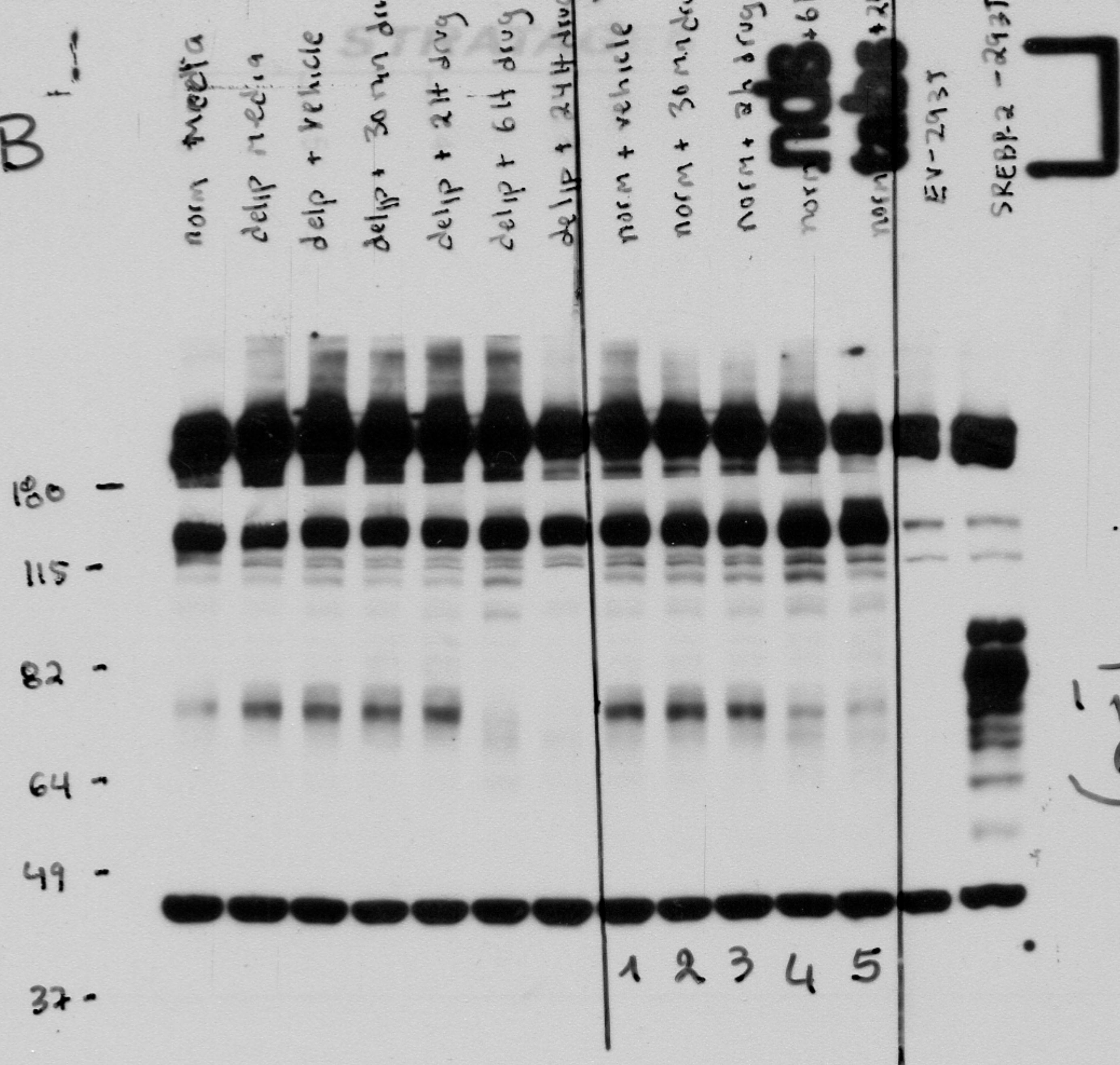
Samples were prepared
in duplicate and
loaded on 2 gels

FIGURE 7 PANEL B

Exposure For
mature SREBP-1
used in the
paper (1 min)

gel 1

samples were prepared in duplicate
and loaded on 2 gels



LN CoP cells

FASN

precursor
(~125)

SREBP-1

mature
(~60.7kDa) **OK**

B-actin

LEGEND:

full medium

1 = complete RPMI + dmsO

2 = complete RPMI + HT63-78 30min

3 = // // 2h

4 = // // 6h

5 = // // 24h

Used for the
paper

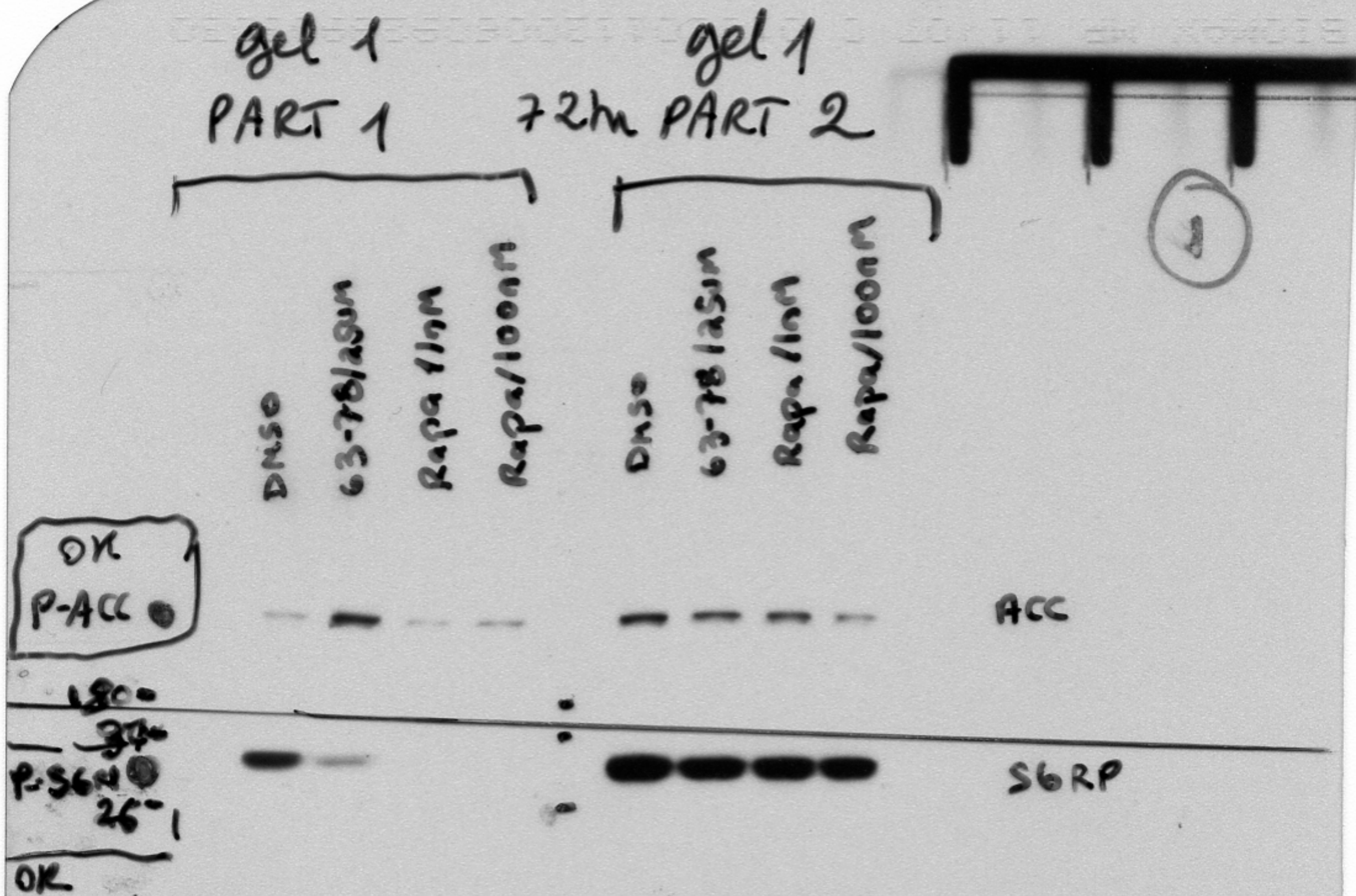


FIGURE 7 PANEL D- LEFT
(LNGFP cells)

Exposure for
P-ACC and P-S6RP
used in the paper

Samples were prepared in duplicate
and loaded on 1 gel (gel 1)

2.5min

ECL

8.12.10

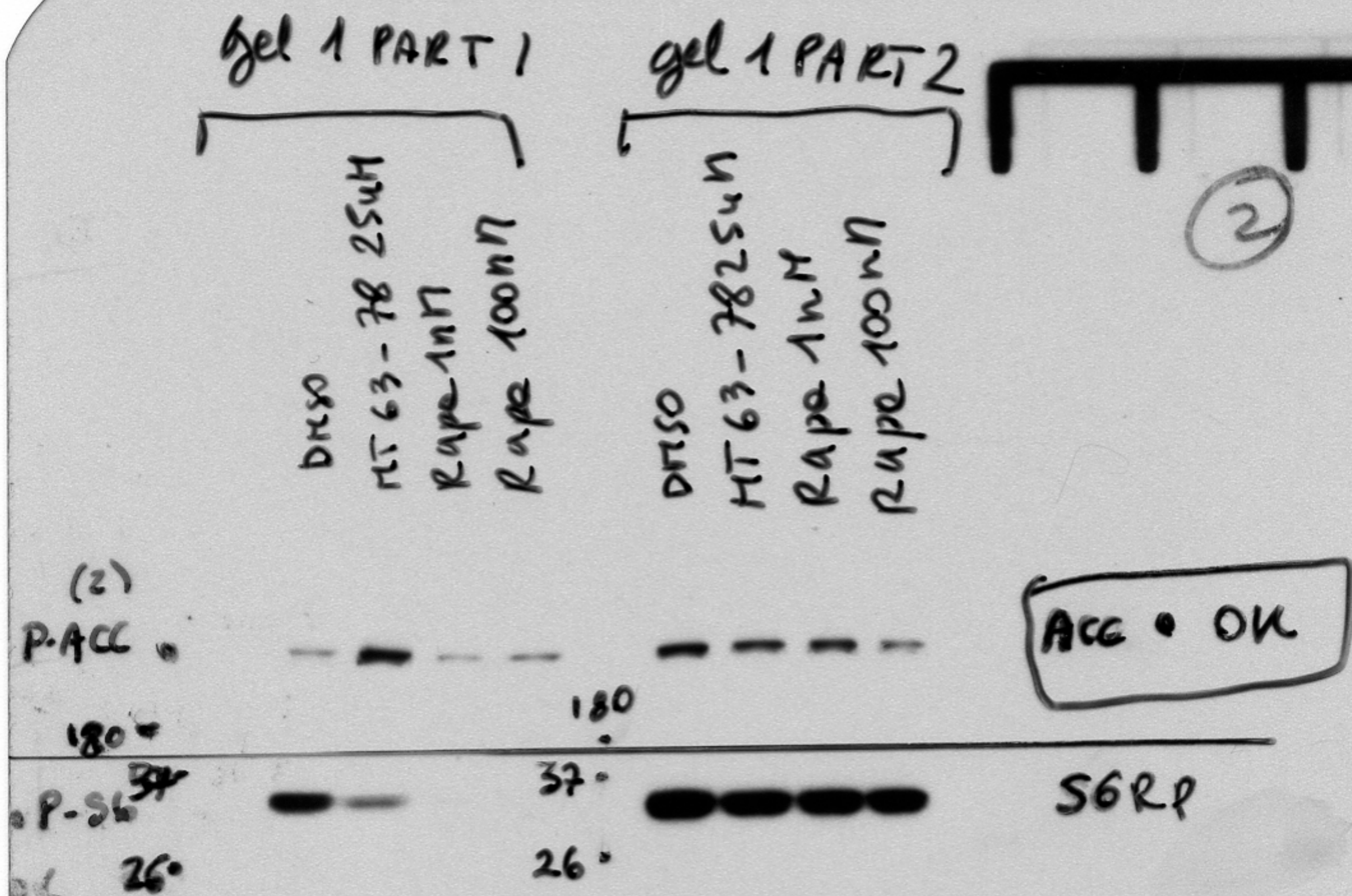


FIGURE 7 PANEL D - LEFT (LNCaP cells)

Exposure for ACC
total used in the
paper (5 min)

Samples were prepared in duplicate
and loaded on 1 gel (gel 1)

ECL
5 min

8.12.10

FIGURE 7 PANEL D LEFT (LNCoP cells)

Exposure for
p-Raptor and
Raptor used
in the paper
(25min)

72 hr

DMSo	63-70125m	Raptor100n	Raptor100n

4

gel 1
PART 1

18.0m
115m

p-Raptor • OK

gel 1
PART 2

18.0m
115m

Raptor • OK

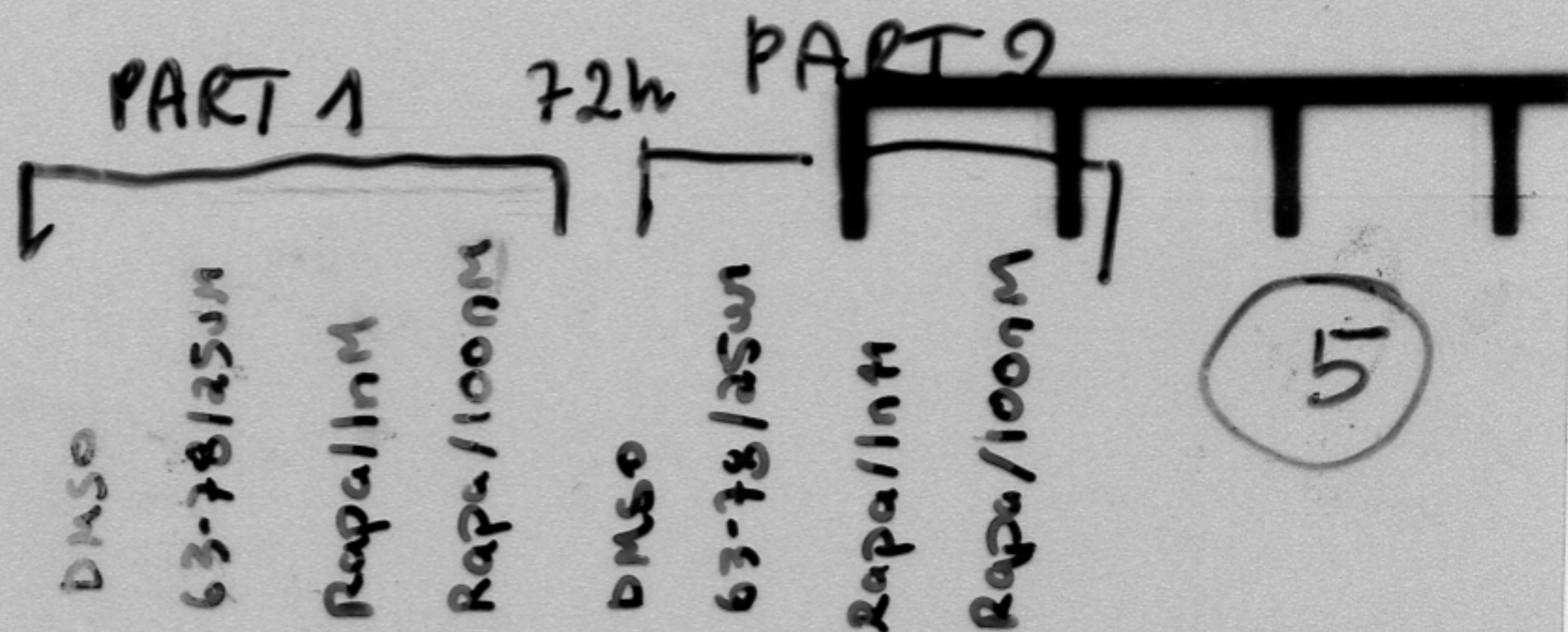
Samples were prepared in duplicate and
loaded on 1 gel (gel 1)

LNCoP

25min
ECL+

8.12.10

gel 1



180 -

115 -

OK P-AMPK - 82
- 64
- 82

AMPK OK

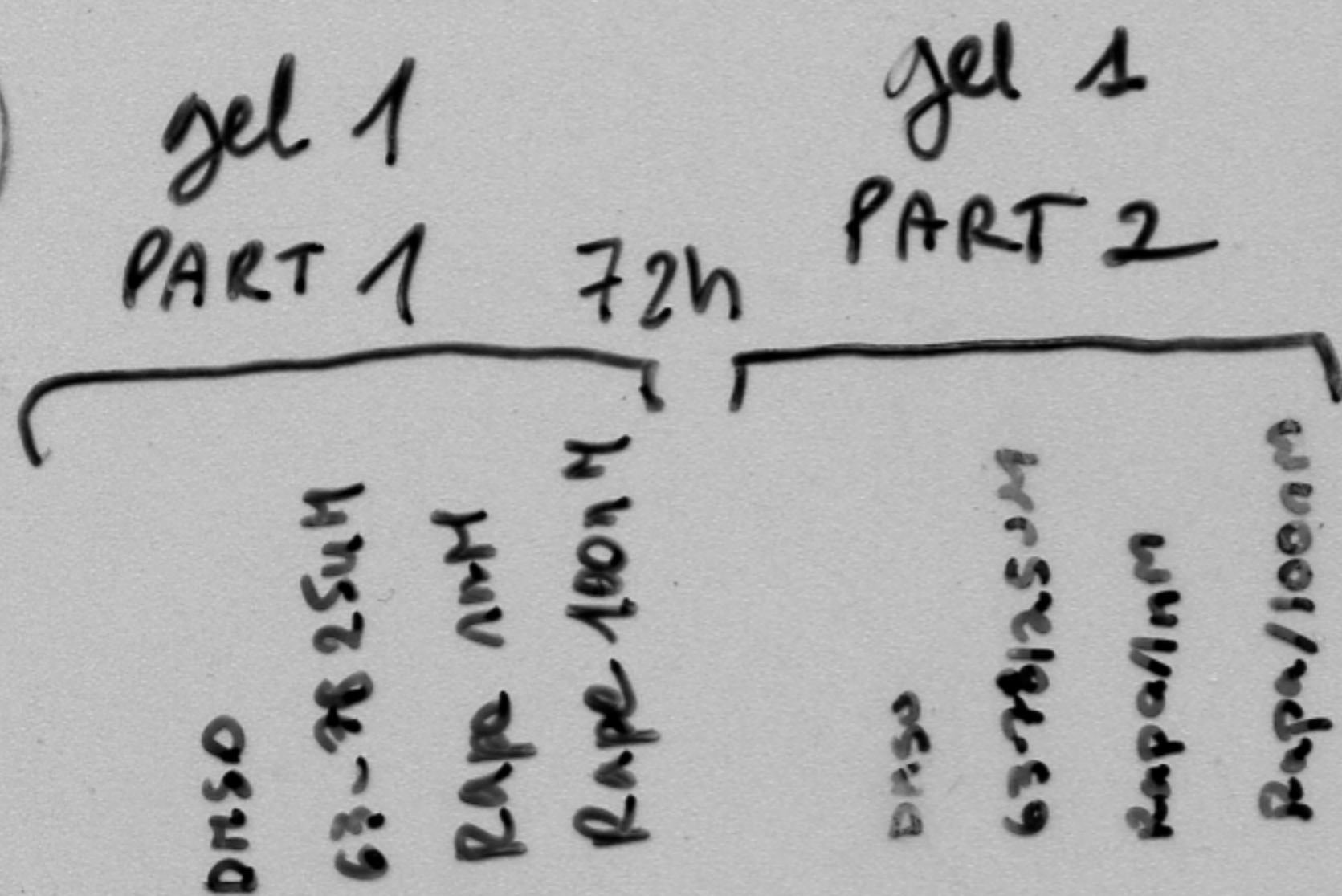
FIGURE 7 PANEL D - RIGHT
(LNCaP cells)

Exposure for
P-AMPK and
AMPK used in the
paper

Samples were prepared in
duplicate and loaded on
1 gel

20 min
EC
8.12.10

3



ACC

3.6
3.7
2.6

56RP OK

FIGURE 7 PANEL D - LEFT
(LNCaP cells)

Exposure for
56RP used in
the paper (5sec)

Samples were prepared in
duplicate and loaded on
1 gel (gel 1)

ECL 5sec
8.12.10

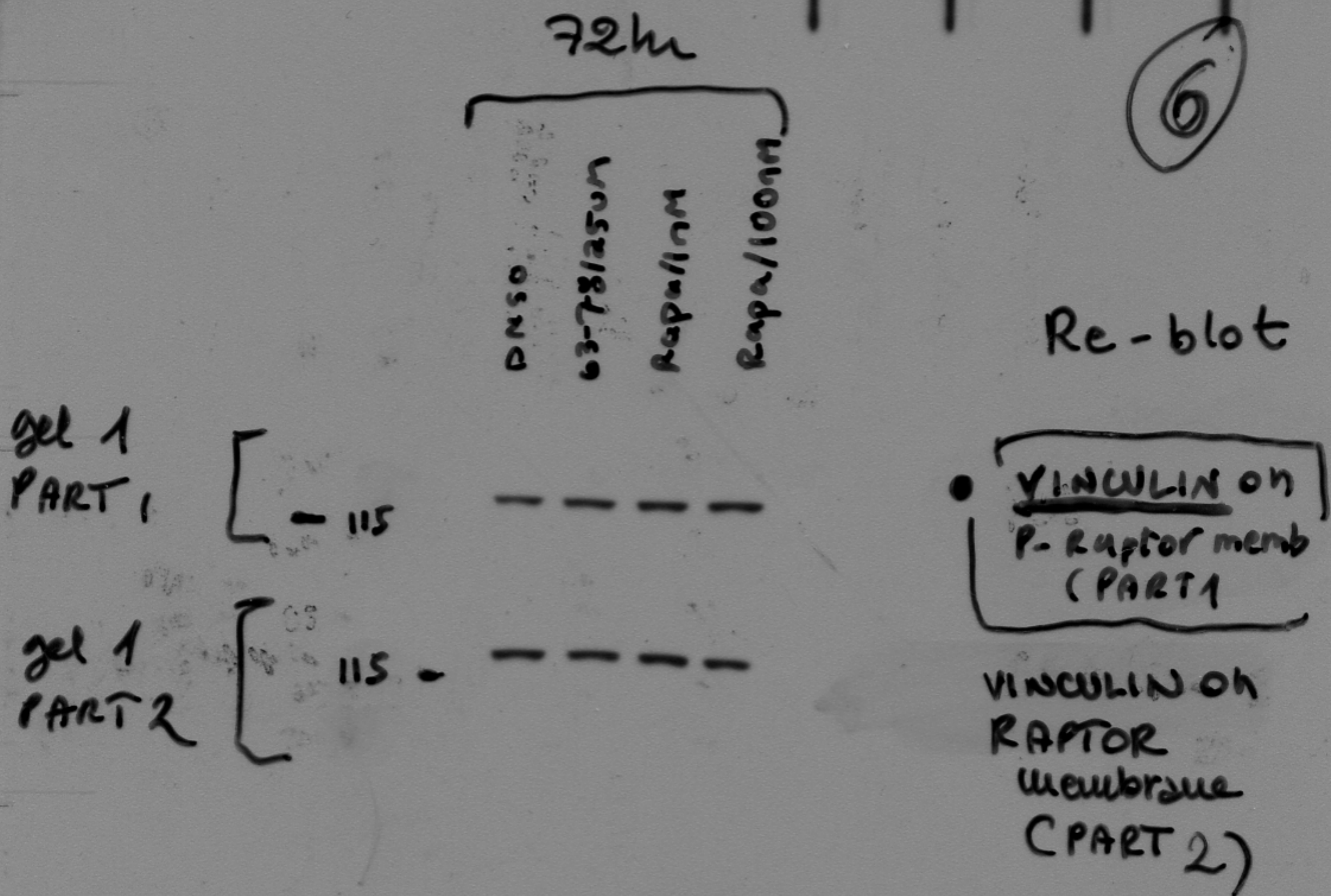


FIGURE 7 PANEL D - LEFT
(LN10P cells)

EXPOSURE for VINCULIN
used in the paper

Samples were
prepared in
duplicate
and loaded
on 1 gel
(gel 1)

LN10P

EC
8.13.10

FIGURE 7

PANEL D -

RIGHT (PC3 cells)

EXPOSURE FOR
P-ACC
P-AMPK used in
the paper (10 sec)

gel 1

- 180

- 115

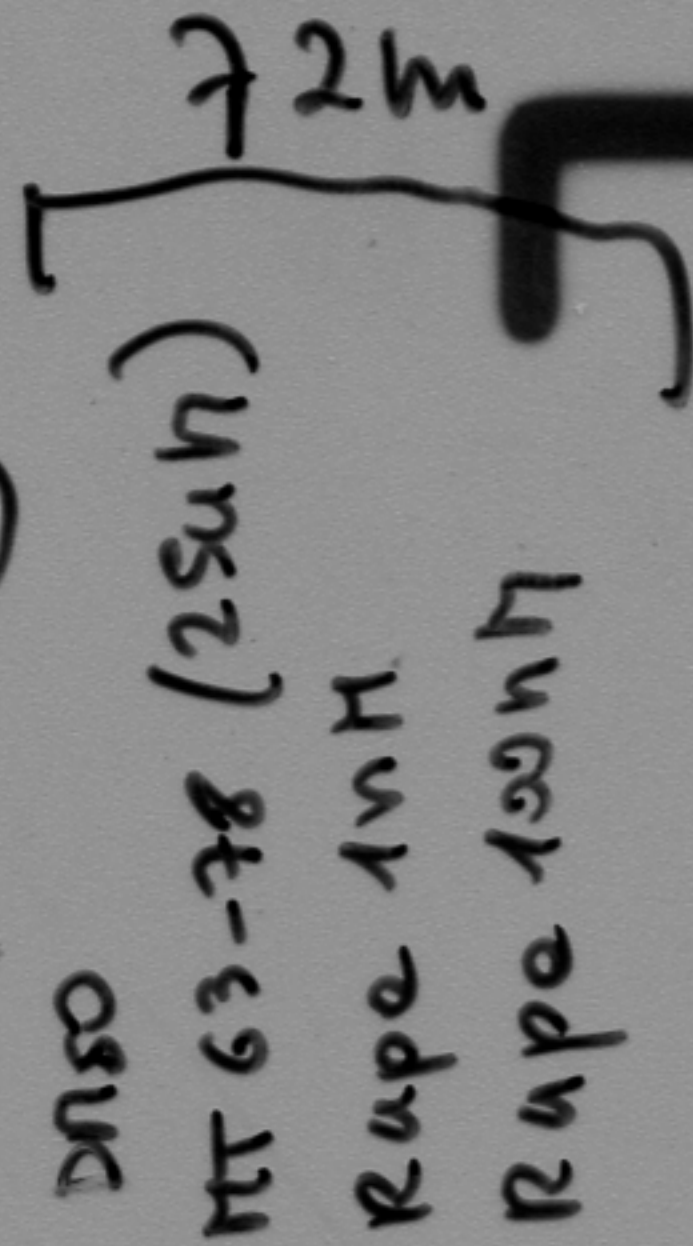
- 82

- 64

- 49

- 37

PC3 cells



samples were
prepared in
triplicate
and loaded
on 3 gels (gel 1, 2, 3)

P-ACC

OK

P-AMPK

OK

ECL

8.31.10 10 sec

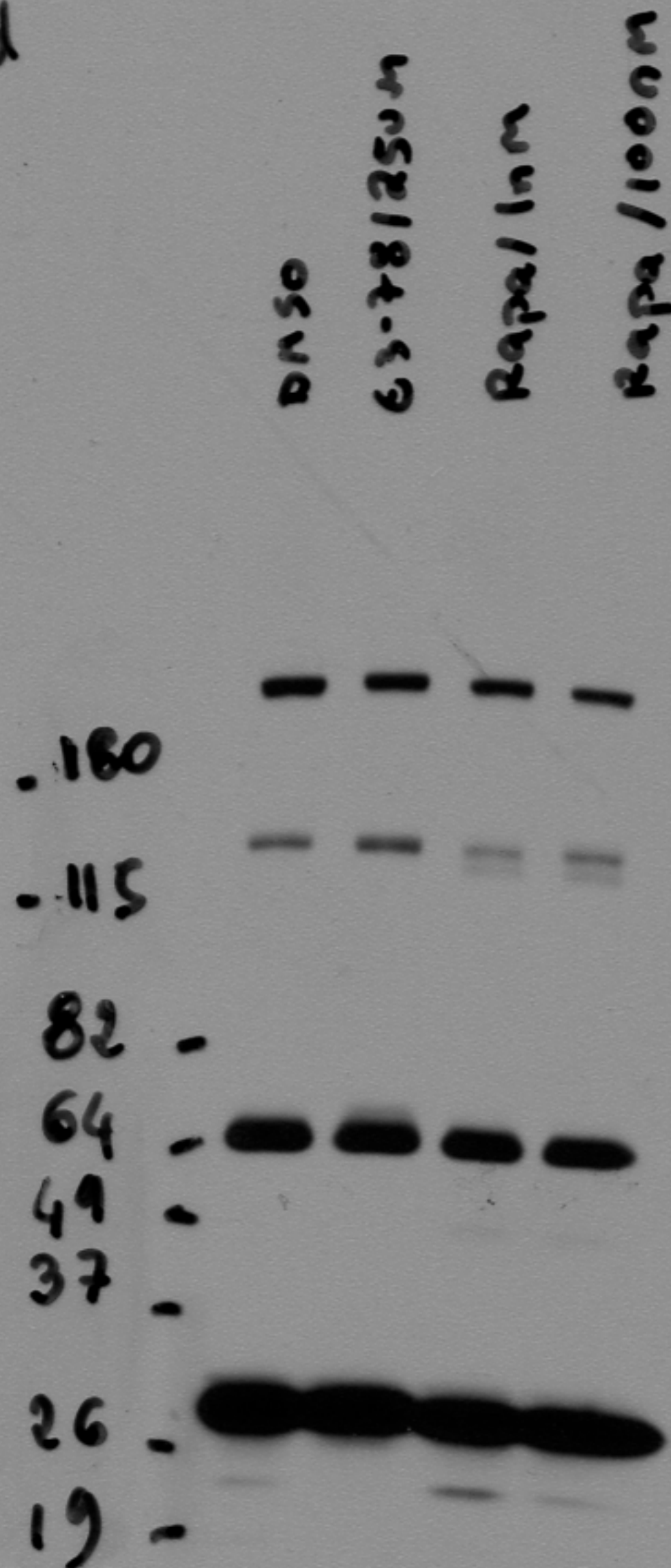
samples were prepared in triplicate and loaded ok 3 gels

FIGURE 7 PANEL D-RIGHT (PC3 cells)

Exposure for ACC and Raptor used in the paper (5 MIN)

gel 2

72hr



ACC

Raptor

AMPK

S6

5min
ECL
8.31.0

Samples were prepared
in triplicate and loaded
on 3 gels (gel 1, 2, 3)

gel 1

72hr

- 180

- 115

82 -

4 -

- 25 ug

PC3

DMSO
63.78/250M
Rapa/100M
Rapa/1000M

FIGURE 7
PANEL D - RIGHT
(PC3 cells)

EXPOSURE FOR
P-Raptor used
in the paper
(5 min)

P-ACC

P-Raptor • OK

P-AMPK

EC

5min

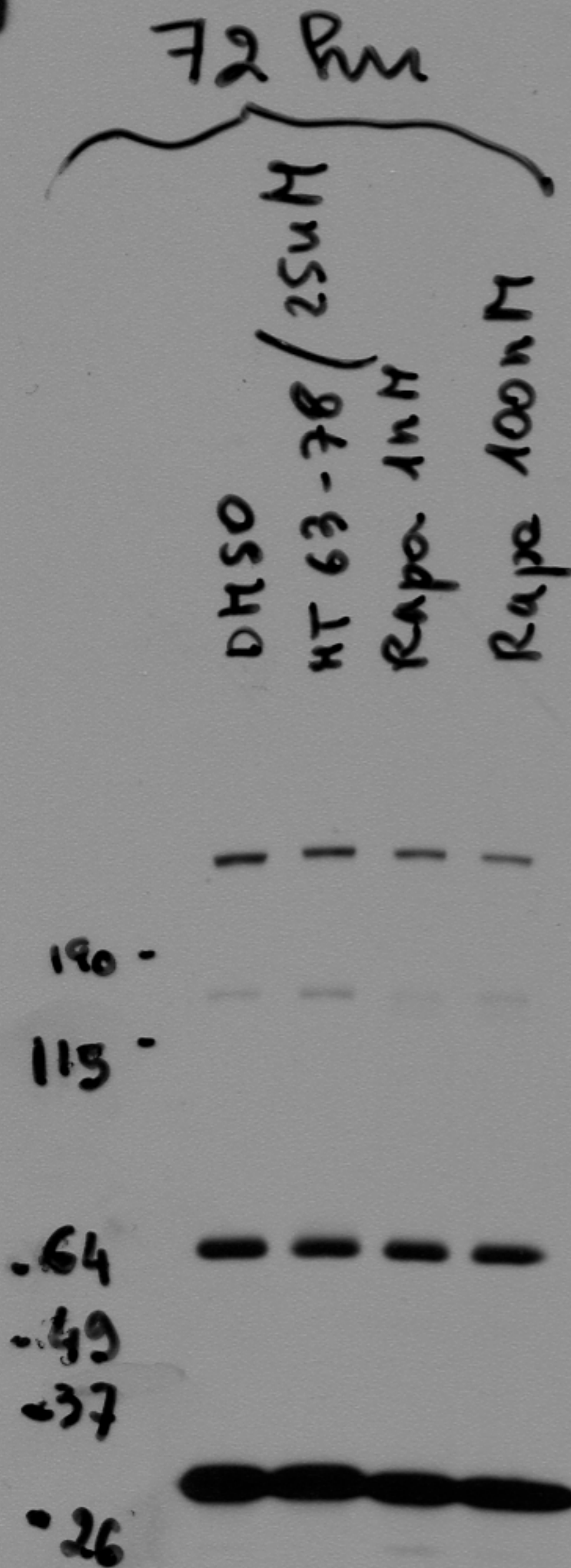
8.31.10

FIGURE 7

PANEL D -

RIGHT (PC3 alb)

Exposure for.
AMPK used in
the paper (1 min)



ACC

AMPK OK

36

gel

2

PC3

Samples were
prepared in
triplicate and
loaded on 3 gels
(gel 1, 2, 3)

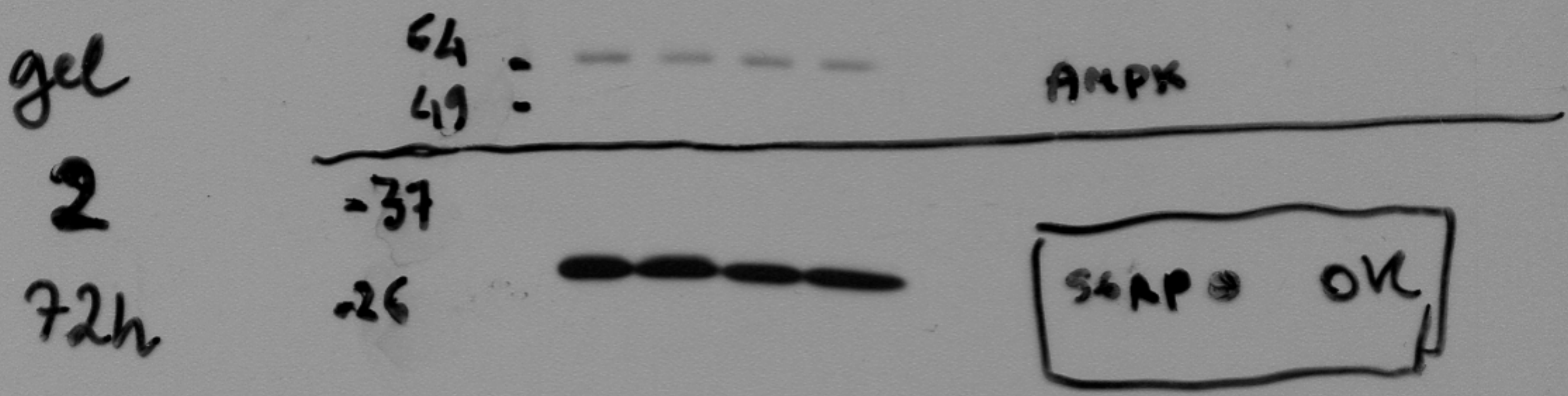
1 min
ECL
8.31.10

Samples
 were prepared
 in triplicate
 and loaded
 on 3 gel 5
 (gel 1, 2, 3)

FIGURE 7
 PANEL D - RIGHT
 (PC3 cells)

72h
 ~~~~~  
 (14h 25h 25h)  
 DMSO HT 63-78 1h 1h 100h  
 Repe Repe

Exposure for  
 SG used in  
 the paper



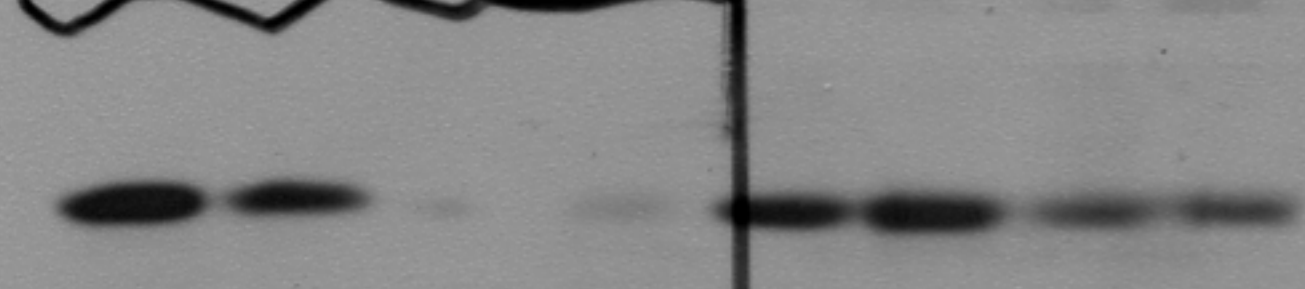
PC3 cells

10sec  
 ECL  
 8.31.10



MW  
 37  
 26  
 gel 3  
 72hr  
 DMSO  
 HT63-78 25uM  
 Rape 1nM  
 Rape 100nM

For paper



P-SG .OK  
 ←

FIGURE 7 PANEL D - RIGHT  
 (PL3 cells)

Exposure for  
 P-SG in the paper

samples were  
 prepared in triplicate  
 and loaded on 3  
 gels ELL 3 min  
 (1,2,3) 8.31.10



# FIGURE 7

## PANEL D - RIGHT

(PC3 cells)

PC3x72H: Rapa Exp

- 25ug

- 8.27.2010 samples

Exposure for  
VINCULIN used  
in the paper

DMSO  
63-7E125M  
Rapa/1mM  
Rapa/100nM

REBLOT

VINCULIN on  
P-Raptor  
membrane OK

72h gel 1

-115

— — — —

gel 2

— — — —

-115

VINCULIN on  
Raptor membrane

ECL

9.1.2010